



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

8

Application Number

10/779,379

Filing Date

02/12/2004

First Named Inventor

Iwen Chao

Art Unit

2814

Examiner Name

Mai, Anh D.

Attorney Docket Number

110348-135995

**ENCLOSURES (Check all that apply)**

|   |   |   |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form                             | <input type="checkbox"/> Drawing(s)                                       | <input type="checkbox"/> After Allowance Communication to TC                            |
| <input type="checkbox"/> Fee Attached                                     | <input type="checkbox"/> Licensing-related Papers                         | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input checked="" type="checkbox"/> Amendment/Reply                       | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final                                      | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                        | <input type="checkbox"/> Power of Attorney, Revocation                    | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                        | <input type="checkbox"/> Change of Correspondence Address                 | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):         |
| <input type="checkbox"/> Express Abandonment Request                      | <input type="checkbox"/> Terminal Disclaimer                              | Return Receipt Postcard   |
| <input type="checkbox"/> Information Disclosure Statement                 | <input type="checkbox"/> Request for Refund                               |   |
| <input type="checkbox"/> Certified Copy of Priority Document(s)           | <input type="checkbox"/> CD, Number of CD(s) _____                        |   |
| <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application   | <input type="checkbox"/> Landscape Table on CD                            |   |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 |   |   |
| <b>Remarks</b>  |   |   |

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|              |                                   |          |       |
|--------------|-----------------------------------|----------|-------|
| Firm Name    | SCHWABE, WILLIAMSON & WYATT, P.C. |          |       |
| Signature    |                                   |          |       |
| Printed name | James P. Namiki                   |          |       |
| Date         | 07/11/2006                        | Reg. No. | 51148 |

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

|                       |                    |      |            |
|-----------------------|--------------------|------|------------|
| Signature             |                    |      |            |
| Typed or printed name | Heather L. Adamson | Date | 07/11/2006 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Application of:

Iwen Chao

Application No.: 10/779,379

Filed: February 12, 2004

For: SEMICONDUCTOR DEVICE WITH  
LOW RESISTIVE PATH BARRIER



Examiner: Mai, Anh D.

Art Unit: 2814

Confirmation No.: 8999

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO, electronically transmitted to the USPTO, or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Typed or Printed: Heather L. Adamson

Signature:  Date: 07/11/2006

Mail Stop AMENDMENT  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTICE-OF NON-COMPLIANT AMENDMENT**

In response to the Notice of Non-Compliant Amendment mailed 07/05/2006 (hereinafter "Notice"), applicant submits the following response.

**Amendments to the Claims** are found in the listing of claims beginning on page 2 of this paper.

**Remarks** begin on page 5 of this paper.